BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work:Improvement of UGD(under ground drinage) lines in J P park in ward no.17

Job Code:- 017-20-000027 **Estimate**

Cost: 15.00 Lakhs

Sl. No	Description	No	L	B	D	Qty.	Unit	Rate	Amount
	Sanitary line in Ward No.42								
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods								
		1	292.00	0.60	1.20	210.24			
	Man hole (3.14x1.2x1.2)/4	18	1.13		2.20	44.76			
						255.00	**Cum**	**316.94**	**80819.70**
	Basic Rate		299.00						
	Add: AW 6%		17.94						
	Total Rs.		**316.94**						
2	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. in hard soil. No. KBS 2.1(a) / 2.3.5 KPWD SR (Page - 6 Item no.2.4)								
		1	292.00	0.60	1.00	175.20			
	Man hole (3.14x1.2x1.2)/4	18	1.13		2.20	44.76			
						219.96	**Cum**	**475.94**	**104687.76**
	Basic Rate		449.00						
	Add: AW 6%		26.94						
	Total Rs.		**475.94**						
3	KSRB 12-1 : Providing and laying in position to required level or slope of internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges complete as per specifications. 300mm Specification No. KBS 12.2.5 / 12.7 (KPWD SR 2018-19 P-72, I.No.11.60)								
		1	292.00			292.00			
						292.00	**Mtr**	**668.86**	**195307.12**
	Basic Rate		631.00						

Sl. No	Description	No	L	B	D	Qty.	Unit	Rate	Amount
	Add: AW 6%	37.86							
	Total Rs.	**668.86**							
4	KSRB 12-5 : Constructing brick masonry circular type manhole 1.22 m internal dia at bottom and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm nternal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid separately) Specification No. KBS 12.4 11.39 KSRB 12-5.3 2.29m deep KPWD SR (Page - 74, Item no.11.40)								
	Man holes	18				18.00			
						18.00	**No's**	**36,944.18**	**664995.24**
	Basic Rate	34853.00							
	Add: AW 6%	2091.18							
	Total Rs.	**36944.18**							
5	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (KPWD SR 2018-19 Pg No-78, I.No.2.11)								
	80% Qty No.1					178.50			
						178.50	**Cum**	**128.26**	**22894.41**
	Basic Rate	121.00							
	Add: AW 6%	7.26							
	Total Rs.	**128.26**							
6	KKSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM (KPWD SR 2018-19 Pg No-13, I.No.4.3)								
		1	292.00	0.50	0.15	21.90			

Sl. No	Description	No	L	B	D	Qty.	Unit	Rate	Amount
						21.90	Cum	5,408.12	118437.83
	Basic Rate	5102.00							
	Add: AW 6%	306.12							
	Total Rs.	5408.12							
7	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (KPWD SR 2018-19 Pg No-13, I.No.4.6)								
		1	292.00	0.45	0.10	13.14			
						13.14	Cum	5,747.32	75519.78
	Basic Rate	5422.00							
	Add: AW 6%	325.32							
	Total Rs.	5747.32							
	Basic Cost (A)								1262661.85
	Tender Premium at 5% (B)								63133.09
	Sub Total (C)								1325794.94
	Adding GST at 12% on (C)								159095.39
	Project Management Consultancy 1%								12626.62
	Miscellaneous								2483.05
	Total								1500000.00

(Rupees Fifteen Lakhs only))

CERTIFICATE

1) The work spot has been inspected and found to be necessary
2) The work spot comes under BBMP limits.
3) The provisions made in this estimate are necessary and minimum.
4) The rates adopted are as per PW,P IWTD SR of 2018-19 and Issued rates.

Assistant Engineer
Ward No.17
B.B.M.P

Asst Executive Engineer
Yeshwanthpur Sub Division
B.B.M.P.

Executive Engineer
Rajarajeshwarinagar Division
B.B.M.P.

ನಂ.: 65 ದಿನಾಂಕ: 27/5/2020
ರೂ. Rupees fifteen lakhs Only [15,00,000/-]
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಾಜರಾಜೇಶ್ವರಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ.

ನಂ.: 35 ದಿನಾಂಕ: 27/5/2020
ರೂ. Rupees fifteen lakhs Only [15,00,000/-]
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯಪಾಲಕ ಅಭಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ರಾ
ನಗರ ವಿಭಾಗ, ಬಿ